

EP Filed Receipt date: 01/26/2007



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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:
 Date: January 22, 2007 Name: John G. Rauch Signature: [Signature]

**BRINKS
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& LIONE**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: **Hans-Joachim Barth et al.**

Appln. No.: **10/512,016**

Filed: **June 27, 2005**

For: **METHOD FOR PRODUCTION OF THIN METAL-CONTAINING LAYERS HAVING LOW ELECTRICAL RESISTANCE**

Examiner: **MCNELIS, KATHLEEN A.**

Art Unit: **1742**

Attorney Docket No: **10808/163**

Mail Stop Amendment
 Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450
 Sir:

TRANSMITTAL

Attached is/are:

- ☒ Supplemental Information Disclosure Statement (3 pages), PTO Form 1449 (1 sheet); 5 references (B2-B6)
- ☒ Return Receipt Postcard

Fee calculation:

- ☒ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(____).
- ☐ An additional filing fee has been calculated as shown below:

| | | | | | Small Entity | | Not a Small Entity | | |
|---|-------------------------------------|-------|------------------------------------|------------------|--------------|-----------|--------------------|----------|-----------|
| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | Rate | Add'l Fee | or | Rate | Add'l Fee |
| Total | | Minus | | | x \$25= | | | x \$50= | |
| Indep. | | Minus | | | x 100= | | | x \$200= | |
| First Presentation of Multiple Dep. Claim | | | | | + \$180= | | | + \$360= | |
| | | | | | Total | \$ | | Total | \$ |

Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____ . A copy of this Transmittal is enclosed for this purpose.
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

January 22, 2007
 Date

[Signature]
 John G. Rauch (Reg. No. 37,218)

BRINKS HOFFER GILSON & LIONE
 NBC Tower - Suite 3600, 455 N. Cityfront Plaza Drive, Chicago, IL 60611-5599

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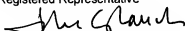
Commissioner for Patents
P.O. Box 1450
Alexandra, VA 22313-1450

on
January 22, 2007

Date of Deposit

John G. Rauch

Name of applicant, assignee or
Registered Representative


Signature

1/22/07

Date of Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Hans-Joachim Barth et al.

Appln. No.: 10/512,016

Filed: June 27, 2005

For: METHOD FOR PRODUCTION
OF THIN METAL-CONTAINING
LAYERS HAVING LOW
ELECTRICAL RESISTANCE

Attorney Docket No: 10808/163

Examiner: MCNELIS,
KATHLEEN A

Art Unit: 1742

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b), Applicants hereby cite the following reference(s):

| DOCUMENT NUMBER Number-kind Code (if known) | DATE | NAME |
|---|-------------|-------------|
| 6,242,808 B1 | 06/05/2001 | Shimizu |

FOREIGN DOCUMENTS

| DOCUMENT NUMBER Number-Kind Code (if known) | DATE | COUNTRY |
|---|-------------|----------------|
| CN 1,258,104 A | 02/28/2000 | China |
| JP 04-271125 | 09/28/1992 | Japan |
| JP 05-021387 | 01/29/1993 | Japan |

OTHER DOCUMENTS

| |
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| Partial translation of Office Action issued in counterpart Chinese patent application no. 0308982.3 (6 pages) |
| Partial translation of Office Action issued in counterpart Japanese patent application no. 2003-586916 (4 pages) |

Applicants are enclosing Form PTO-1449 (one sheet), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). Pursuant to the undersigned attorney's obligation and duties under 37 C.F.R. §§ 1.56 and 1.98(a)(3) and (c), either English language abstracts, partial translations, or full translations are included for patent documents which are not in English for the express purpose of providing a concise explanation of the references to the Patent and Trademark Office with the opportunity to evaluate the same. Applicants respectfully request the Examiner's consideration of the above reference(s) and entry thereof into the record of this application.

No English language equivalent of Chinese patent number CN 1,258,104 A is available. In fulfillment of the requirement to provide an explanation of the relevance of this reference, a translation is provided of the Office Action issued by the Chinese patent office in counterpart patent application no. 0308982.3.

By submitting this Statement, Applicants are attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicants have calculated no fee to be due in connection with the filing of this Statement. However, the Director is authorized to charge any fee deficiency associated with the filing of this Statement to a deposit account, as authorized in the Transmittal accompanying this Statement.

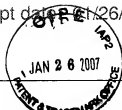
Respectfully submitted,

January 22, 2007

Date



John G. Rauch (Reg. No.37,218)



| | | |
|---|------------------------------|--|
| FORM PTO-1449 | SERIAL NO. 10/512,016 | CASE NO. 10808/163 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | FILING DATE June 27, 2005 | GROUP ART UNIT 1742 |
| (use several sheets if necessary) | | APPLICANT(S): Hans-Joachim Barth, et al. |

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|----|--|------------|---------|--------------------|----------------|
| /V.V./ | B1 | 6,242,808 B1 | 06/05/2001 | Shimizu | 257/762 | 10/7/1998 |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER <small>Number-Kind Code (if known)</small> | DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES OR NO |
|---------------------|----|--|------------|---------|--------------------|--------------------------|
| /V.V./ | B2 | CN 1,258,104 A | 02/28/2000 | China | H01L 29/786 | No |
| /V.V./ | B3 | JP 04-271125 | 09/28/1992 | Japan | H01L 21/3205 | Yes |
| /V.V./ | B4 | JP 05-021387 | 01/29/1993 | Japan | H01L 21/285 | Yes |
| | | | | | | |
| | | | | | | |

| EXAMINER INITIAL | OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small> | | | | | |
|---------------------|---|--|--|--|--|--|
| /V.V./ | B5 | Partial translation of Office Action issued in counterpart Chinese patent application no. 0308982.3 (6 pages) | | | | |
| /V.V./ | B6 | Partial translation of Office Action issued in counterpart Japanese patent application no. 2003-586916 (4 pages) | | | | |
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|------------------------------|----------------------------|
| EXAMINER /Vanessa Velasquez/ | DATE CONSIDERED 01/02/2008 |
|------------------------------|----------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.